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|------------------------------------|---|---------------------|-------------------------------|---|
| <b>SERIAL NUMBER</b><br>10/673,467 | <b>FILING OR 371(c) DATE</b><br>09/30/2003<br><b>RULE</b> | <b>CLASS</b><br>703 | <b>GROUP ART UNIT</b><br>2128 | <b>ATTORNEY DOCKET NO.</b><br>231752US6YA |
|------------------------------------|---|---------------------|-------------------------------|---|

## APPLICANTS

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\*\* CONTINUING DATA \*\*\*\*\*

\*\* FOREIGN APPLICATIONS \*\*\*\*\*

## IF REQUIRED, FOREIGN FILING LICENSE GRANTED

\*\* 12/22/2003

|  |                               |                             |                           |                                |
|--|-------------------------------|-----------------------------|---------------------------|--------------------------------|
| Foreign Priority claimed<br><input type="checkbox"/> yes <input type="checkbox"/> no   | <b>STATE OR COUNTRY</b><br>AZ | <b>SHEETS DRAWING</b><br>14 | <b>TOTAL CLAIMS</b><br>58 | <b>INDEPENDENT CLAIMS</b><br>4 |
| 35 USC 119 (a-d) conditions met<br><input type="checkbox"/> yes <input type="checkbox"/> no <input type="checkbox"/> Met after Allowance |                               |                             |                           |                                |
| Verified and Acknowledged  | Examiner's Signature          | Initials                    |                           |                                |

## ADDRESS

22850

## TITLE

SYSTEM AND METHOD FOR USING FIRST-PRINCIPLES SIMULATION TO CONTROL A SEMICONDUCTOR MANUFACTURING PROCESS VIA A SIMULATION RESULT OR A DERIVED EMPIRICAL MODEL

**FILING FEE RECEIVED**  
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